



Maryland TB and LTBI Epidemiology Update

Matt Dory

Prevention and Health Promotion Administration

Center for TB Control and Prevention

September 17, 2020

Mission and Vision

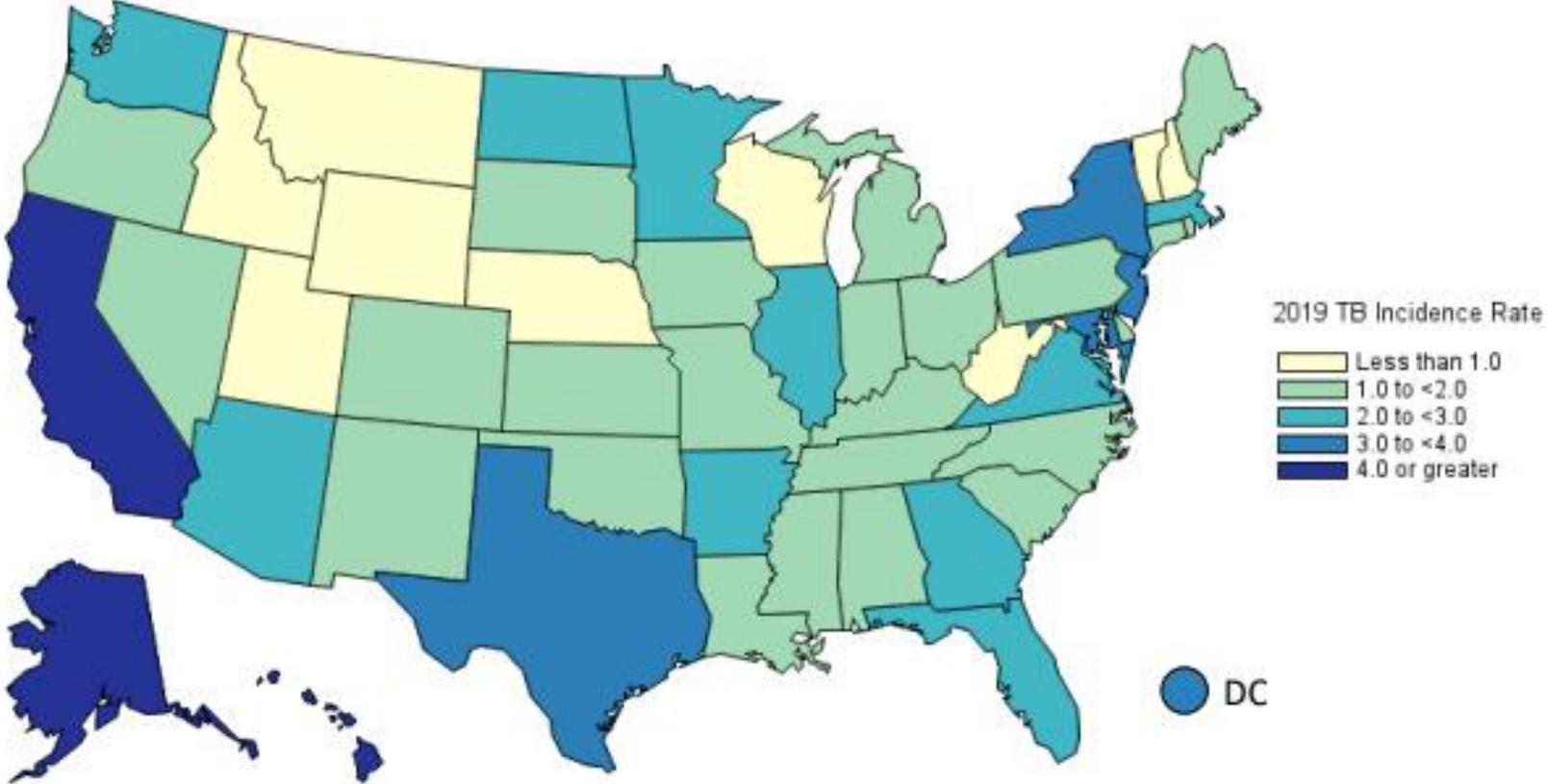
MISSION

The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

VISION

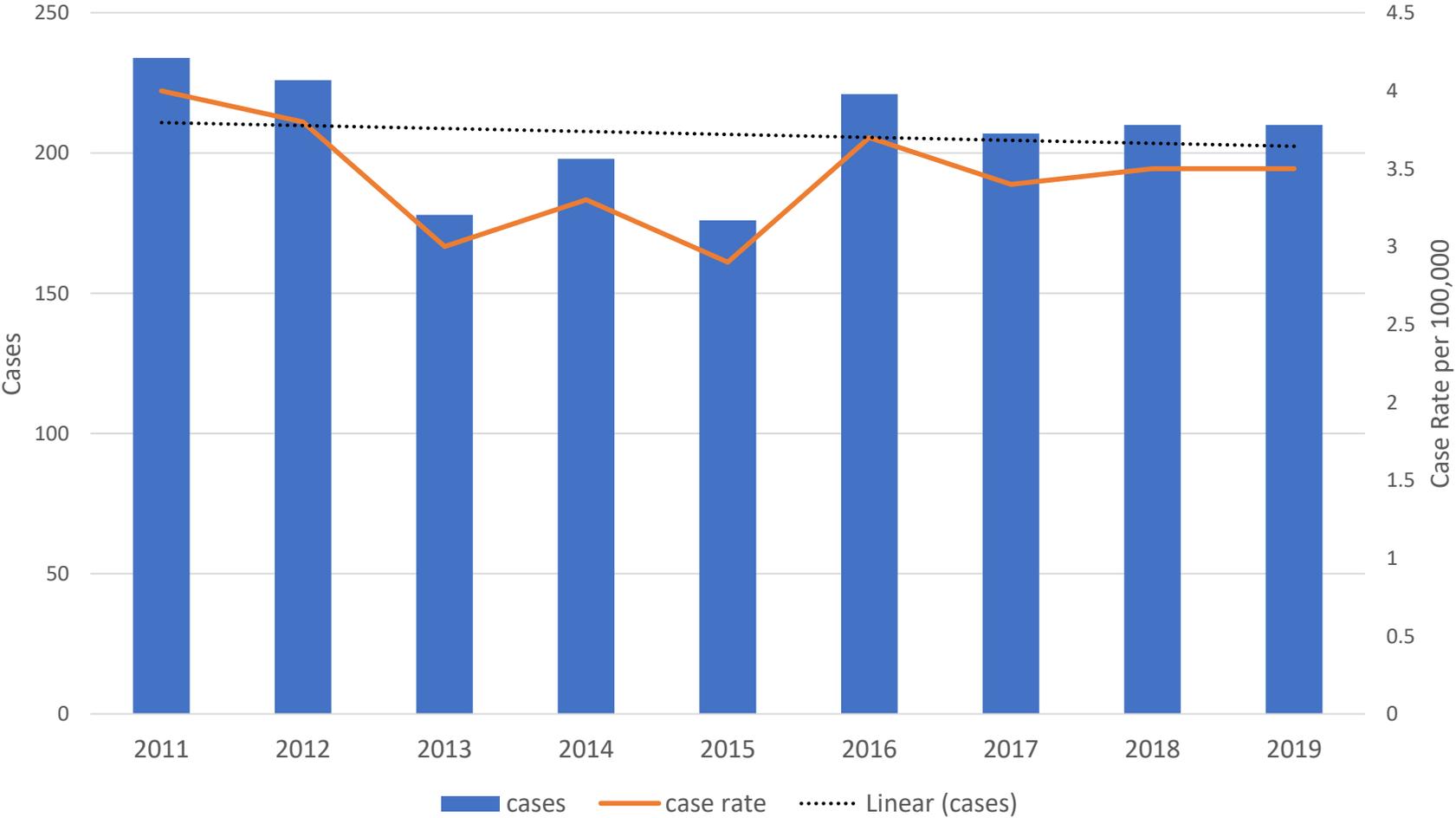
The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.

TB Case Rates, United States, 2019

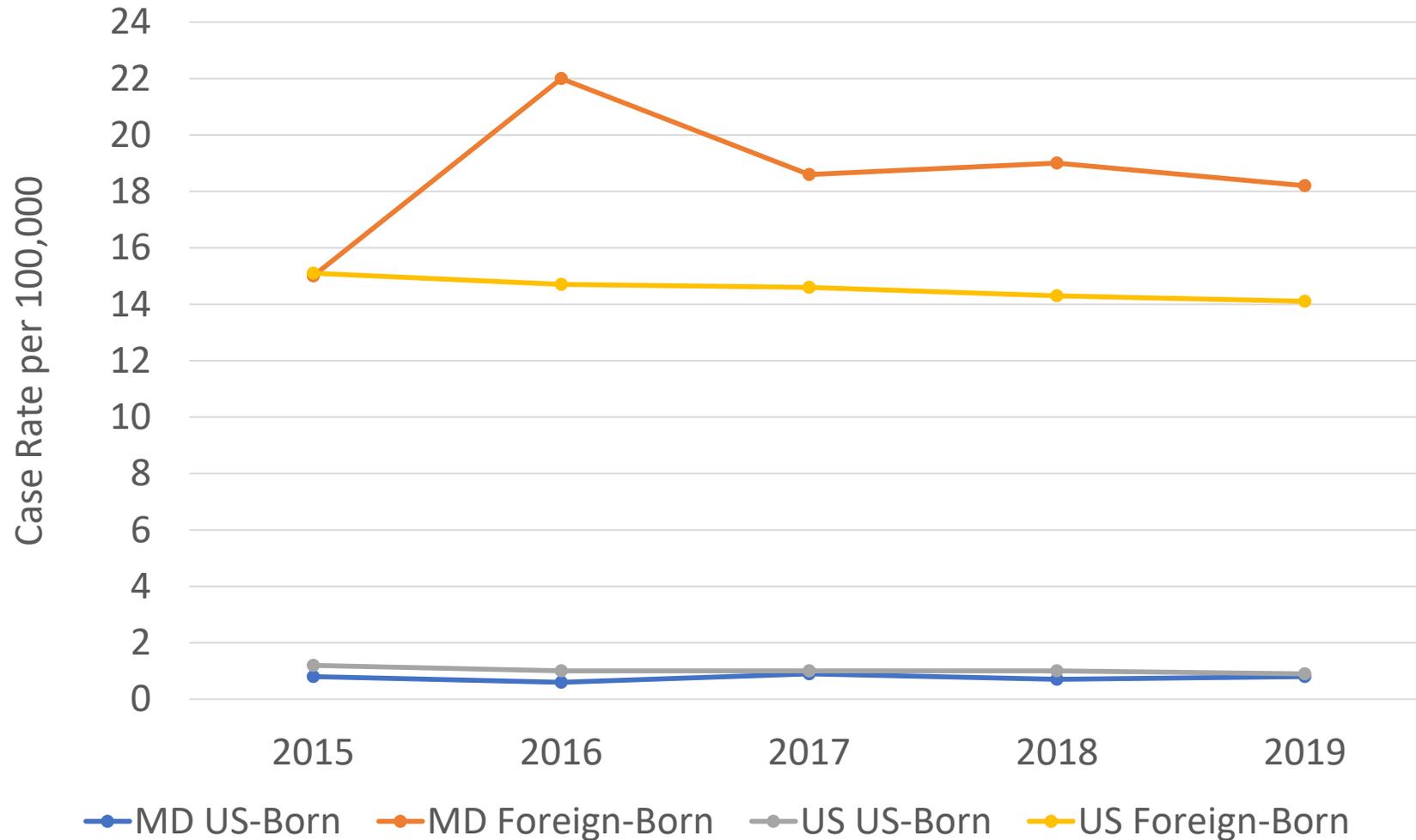


*Based on provisional NTSS data as of March 3, 2020.

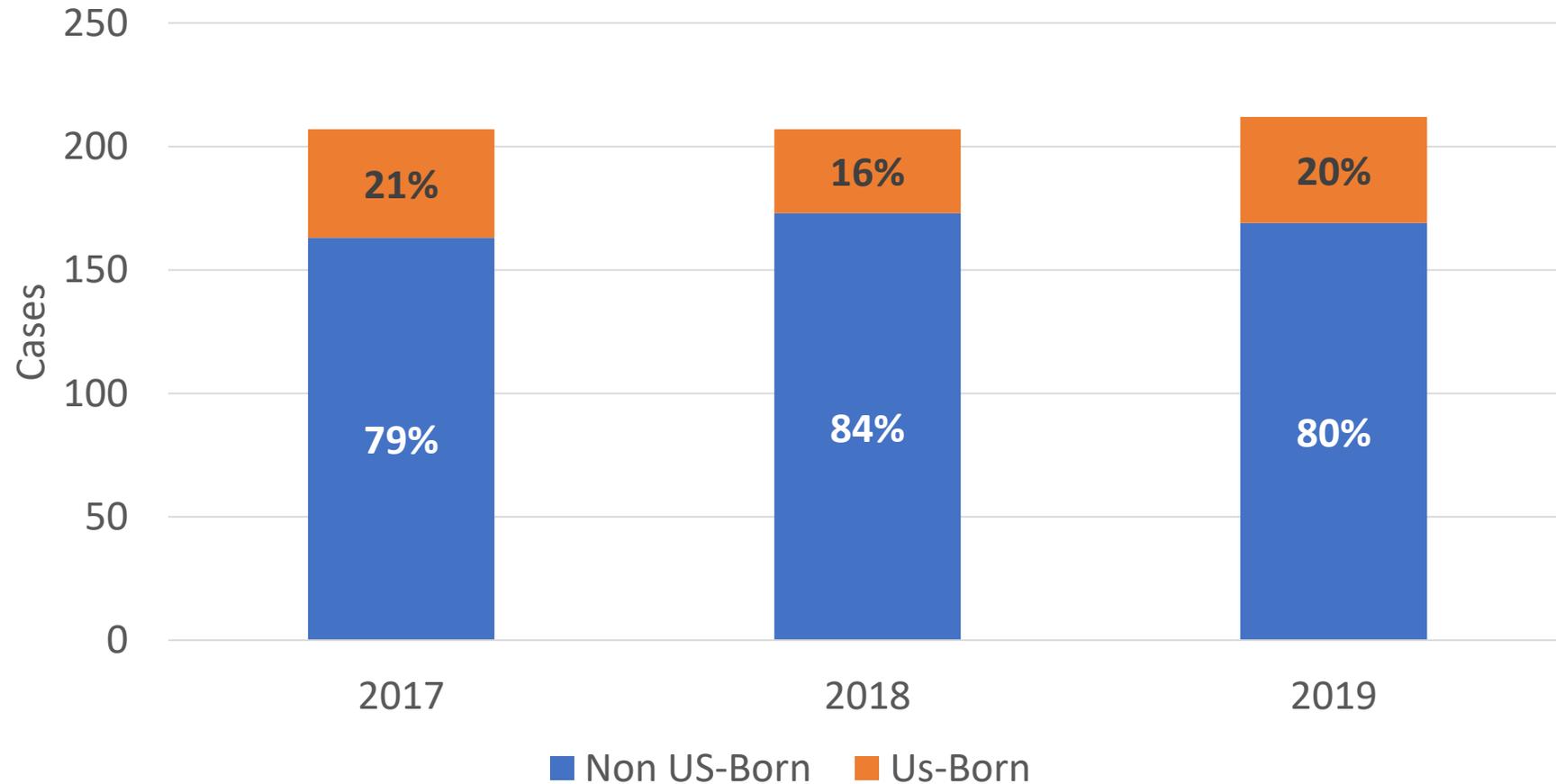
Maryland TB, 2011-2019



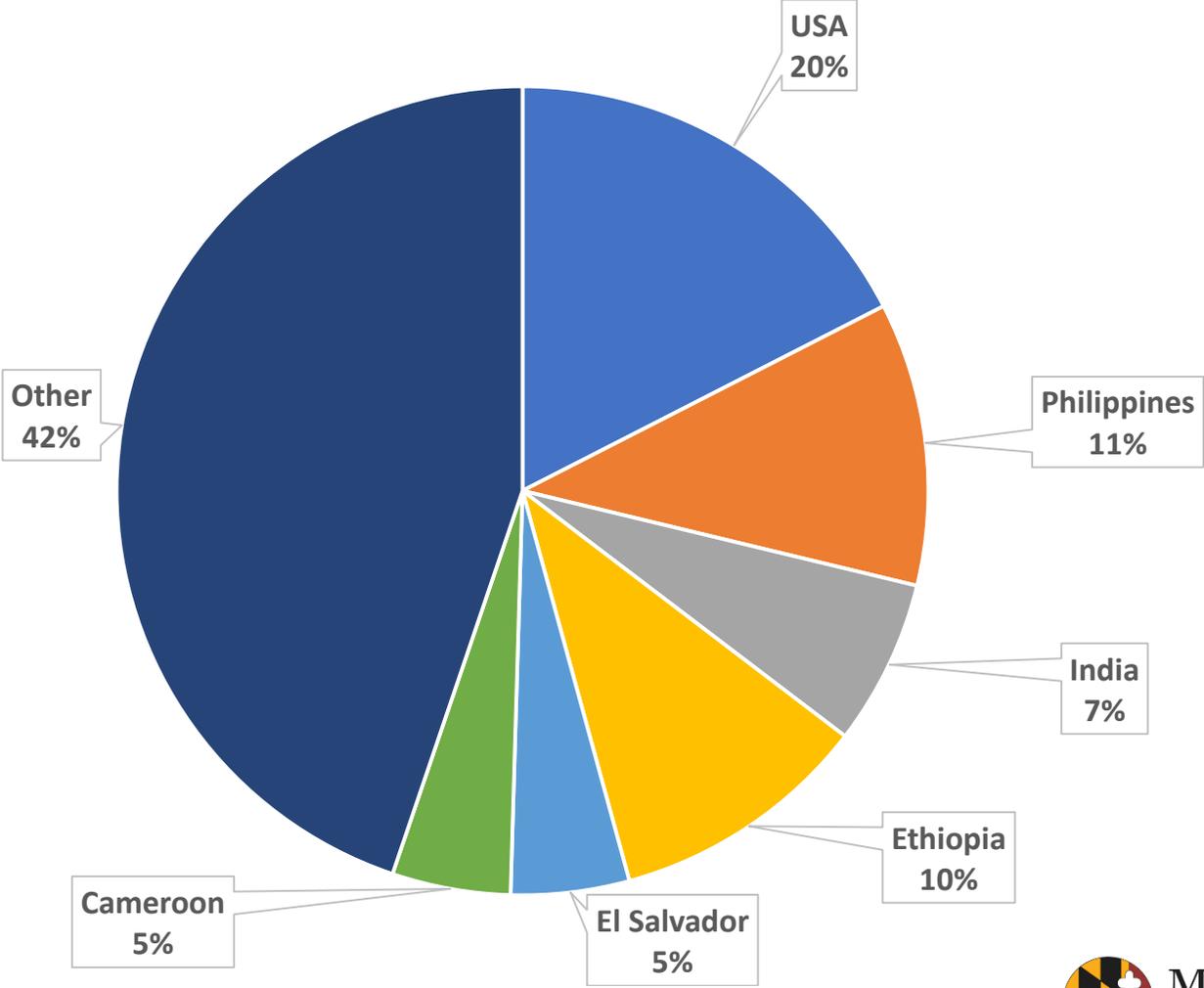
TB Case Rates Among US and Non US-Born, 2015-2019



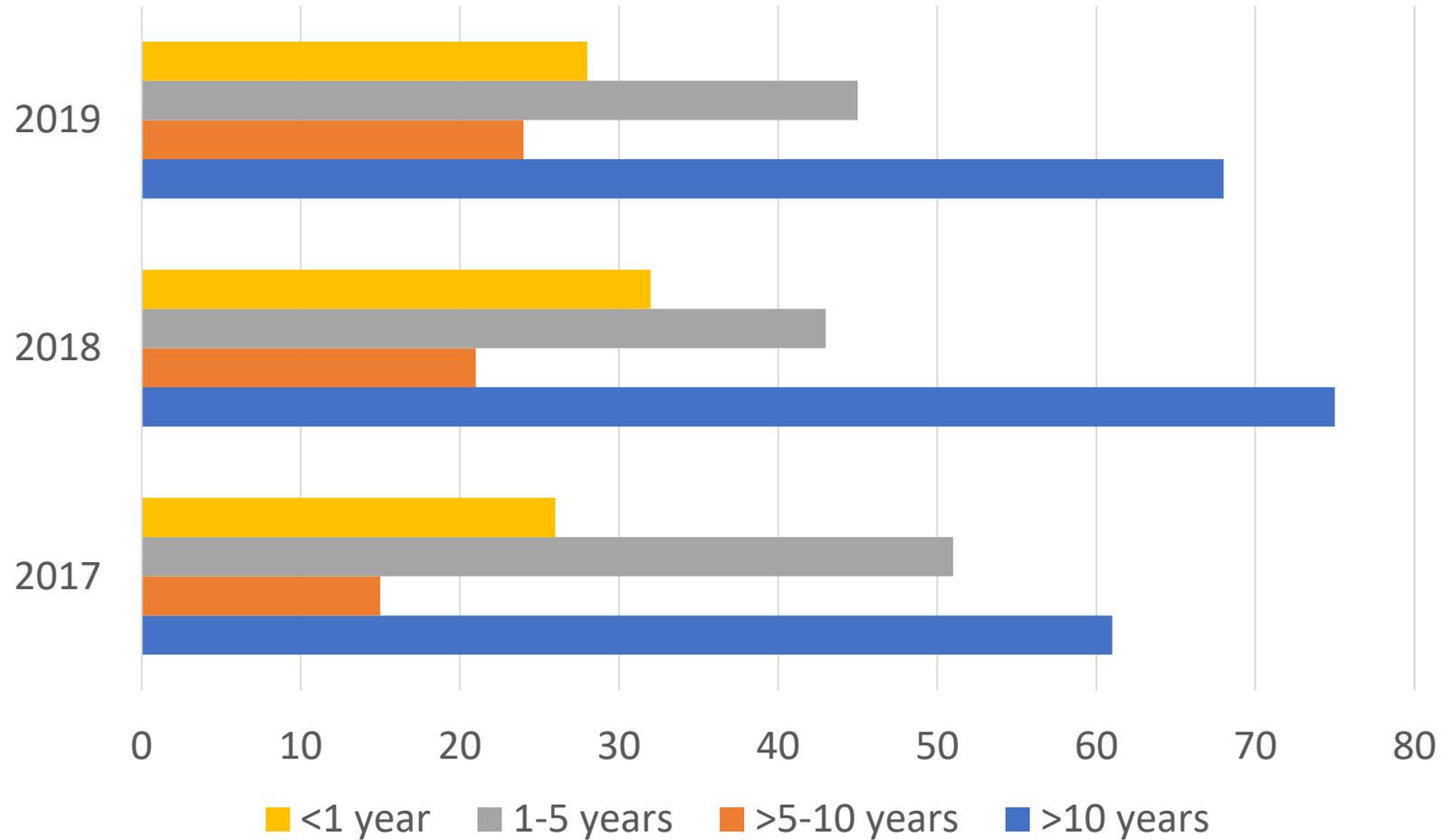
Percent of TB Cases by Origin 2017-2019



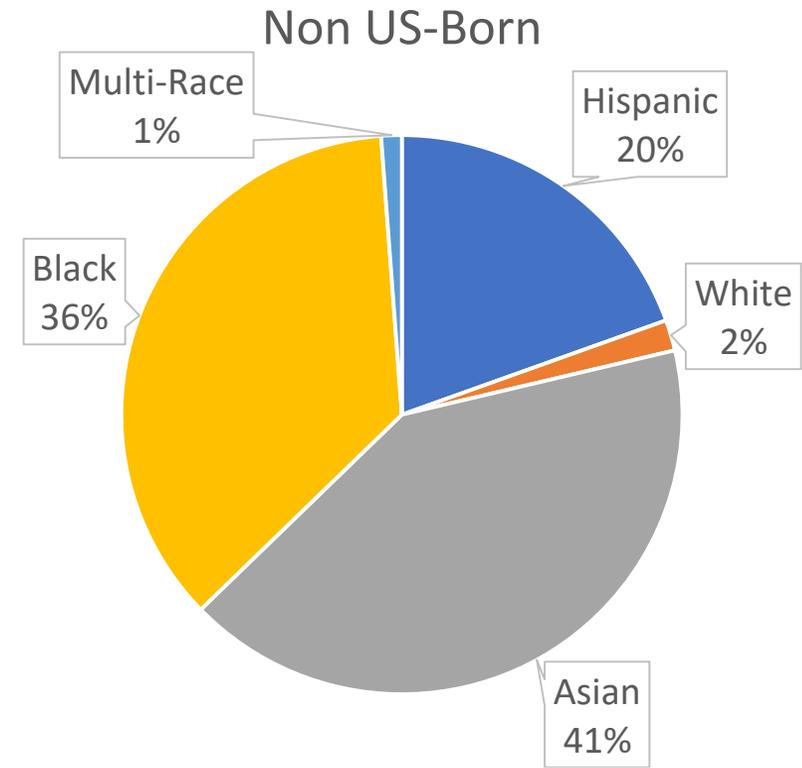
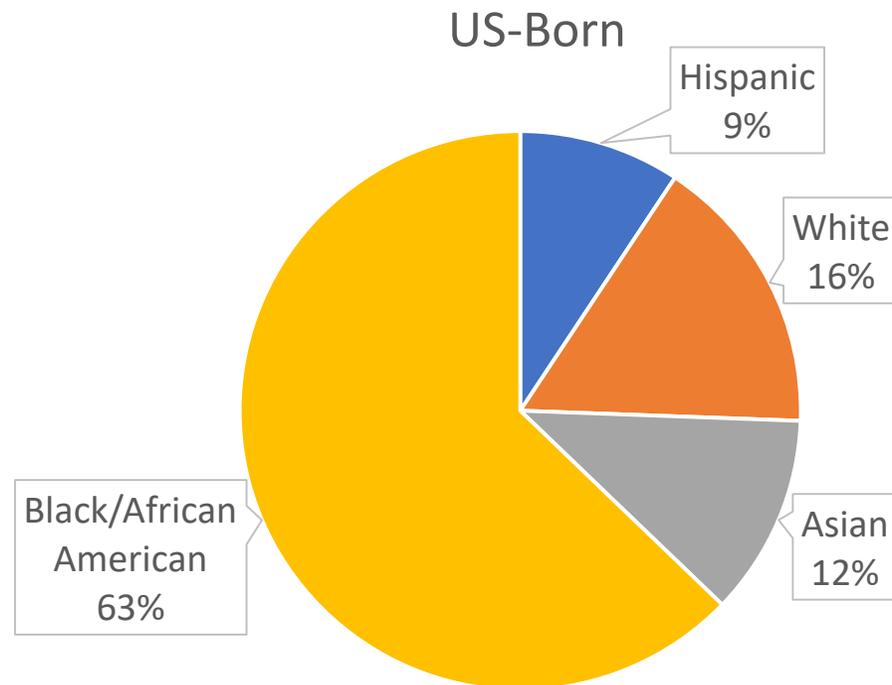
Top Countries of Birth Maryland, 2019



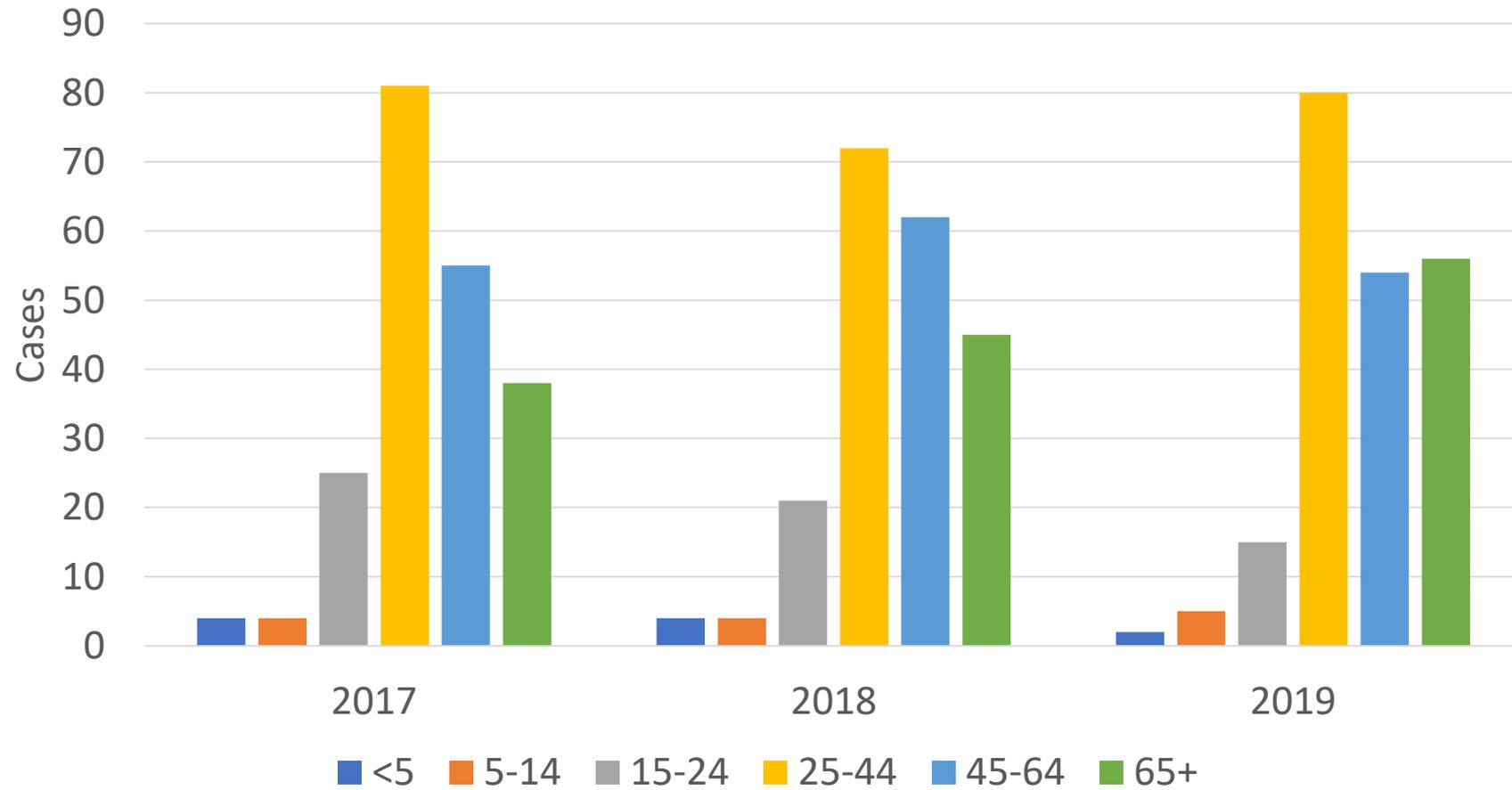
Non-US born TB Case Numbers, by Time from U.S Arrival to Diagnosis, 2017-2019



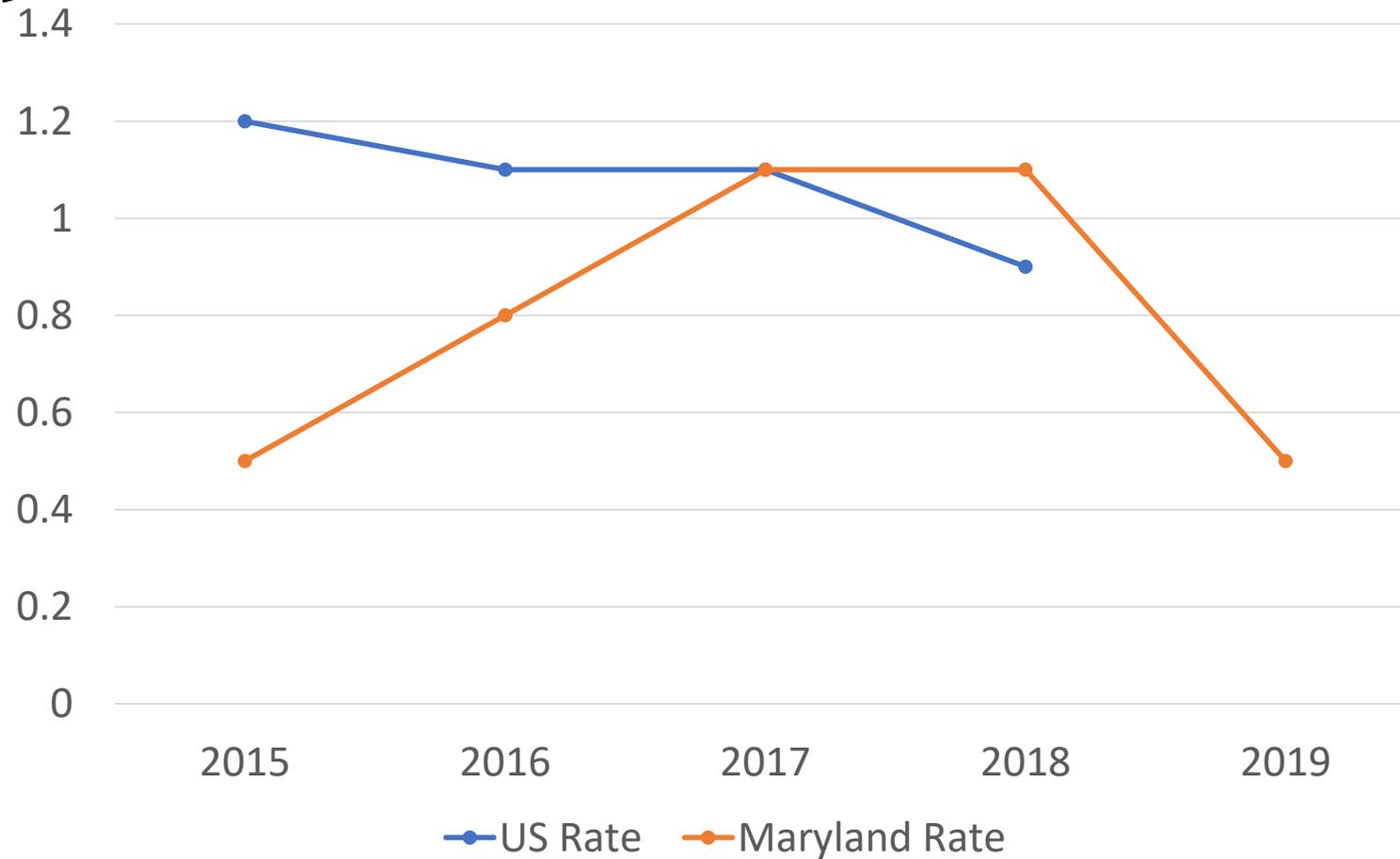
TB Cases by Race and Origin, 2019



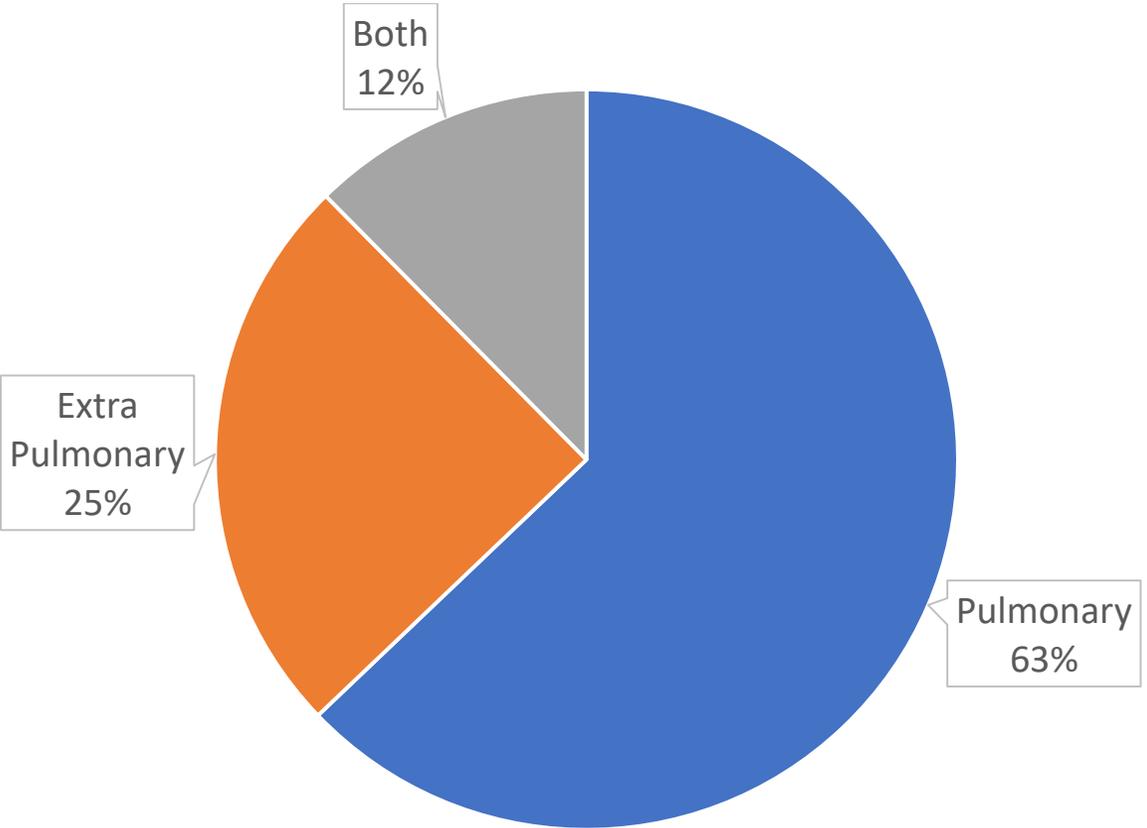
Cases by Age Group, 2017-2019



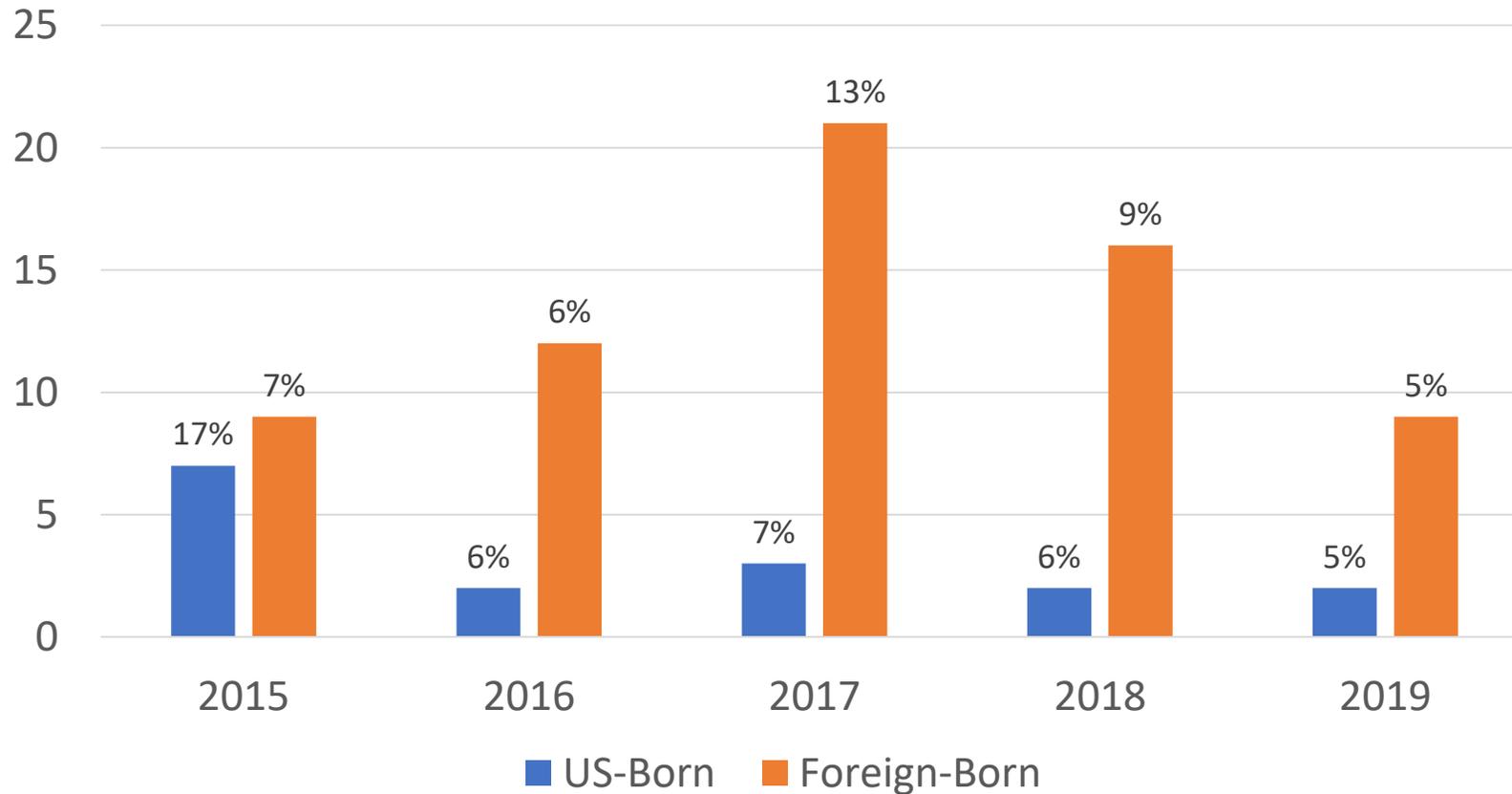
Case rate in Children <5 2015-2019



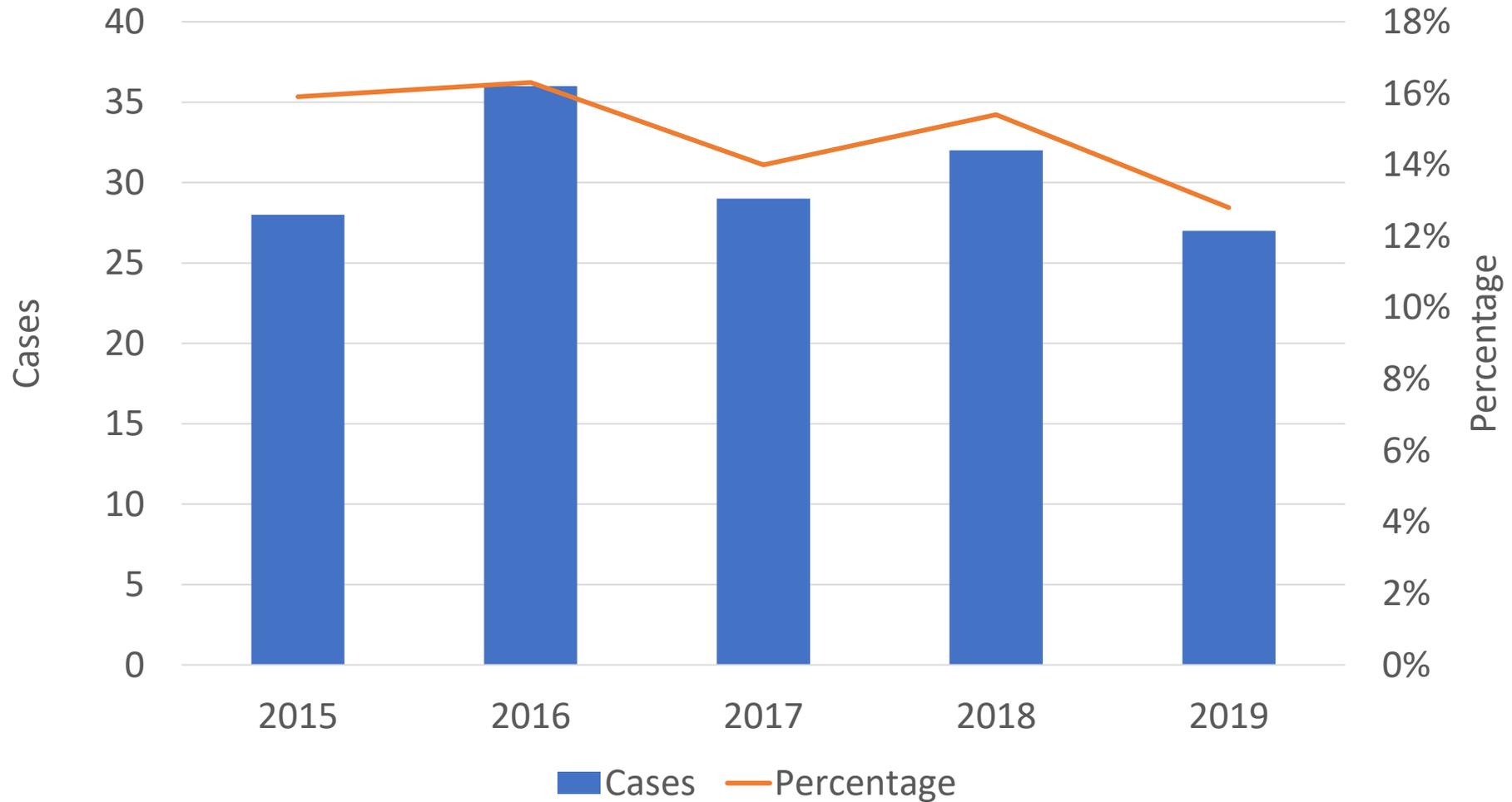
Site of Disease, Maryland 2019



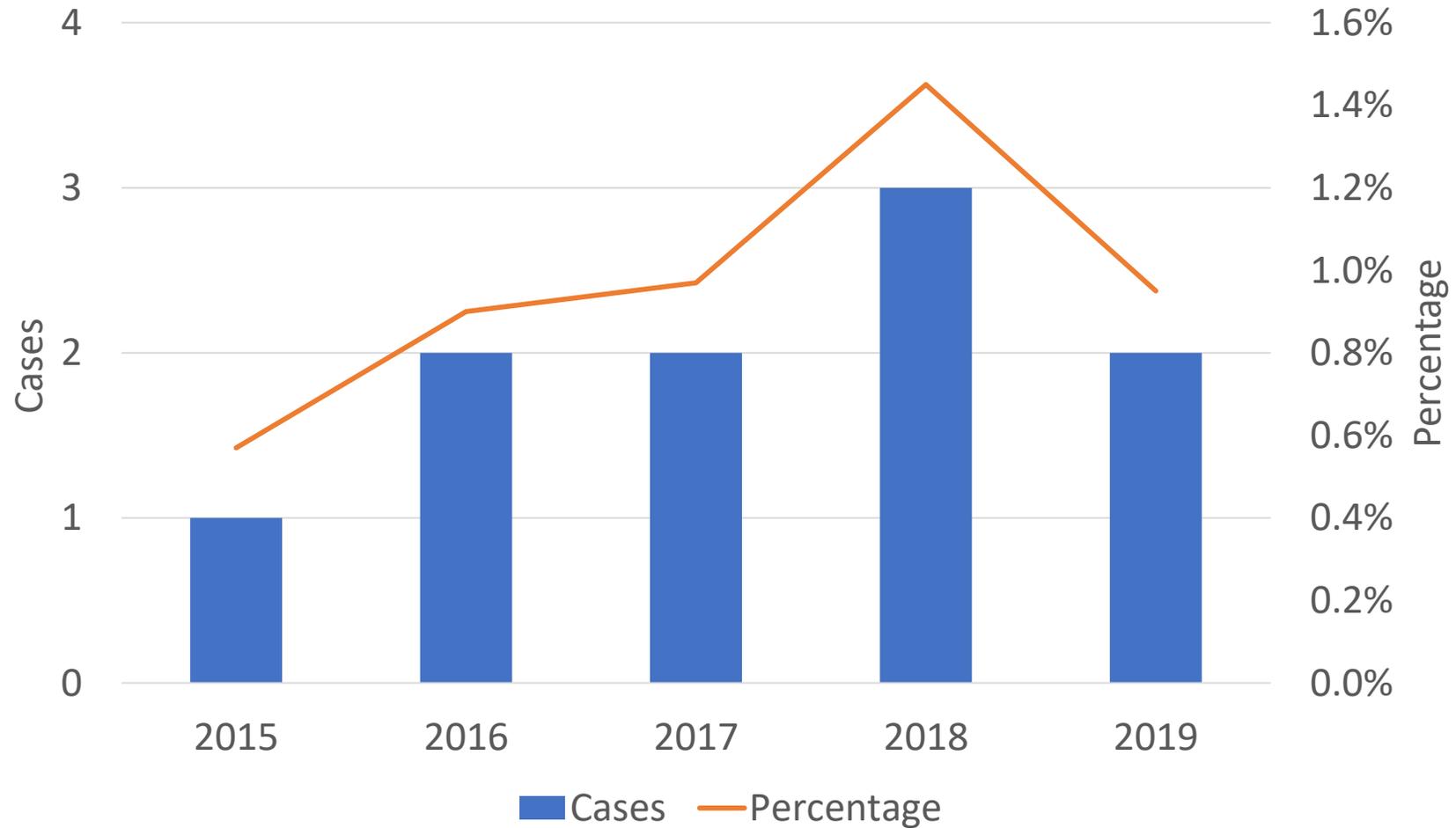
Numbers of TB HIV Co-Infection Origin of Birth, 2015-2019



TB and Diabetes, 2015-2019

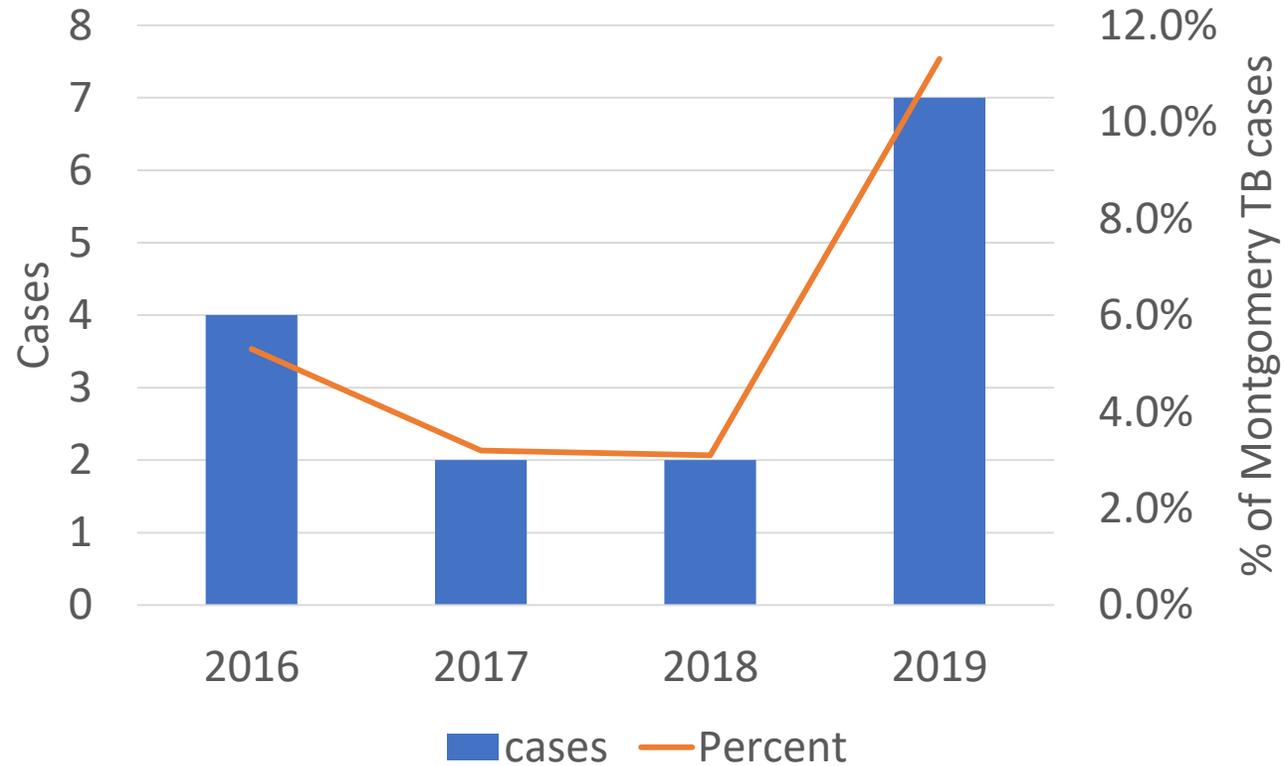


MDR/XDR TB in Maryland, 2015-2019



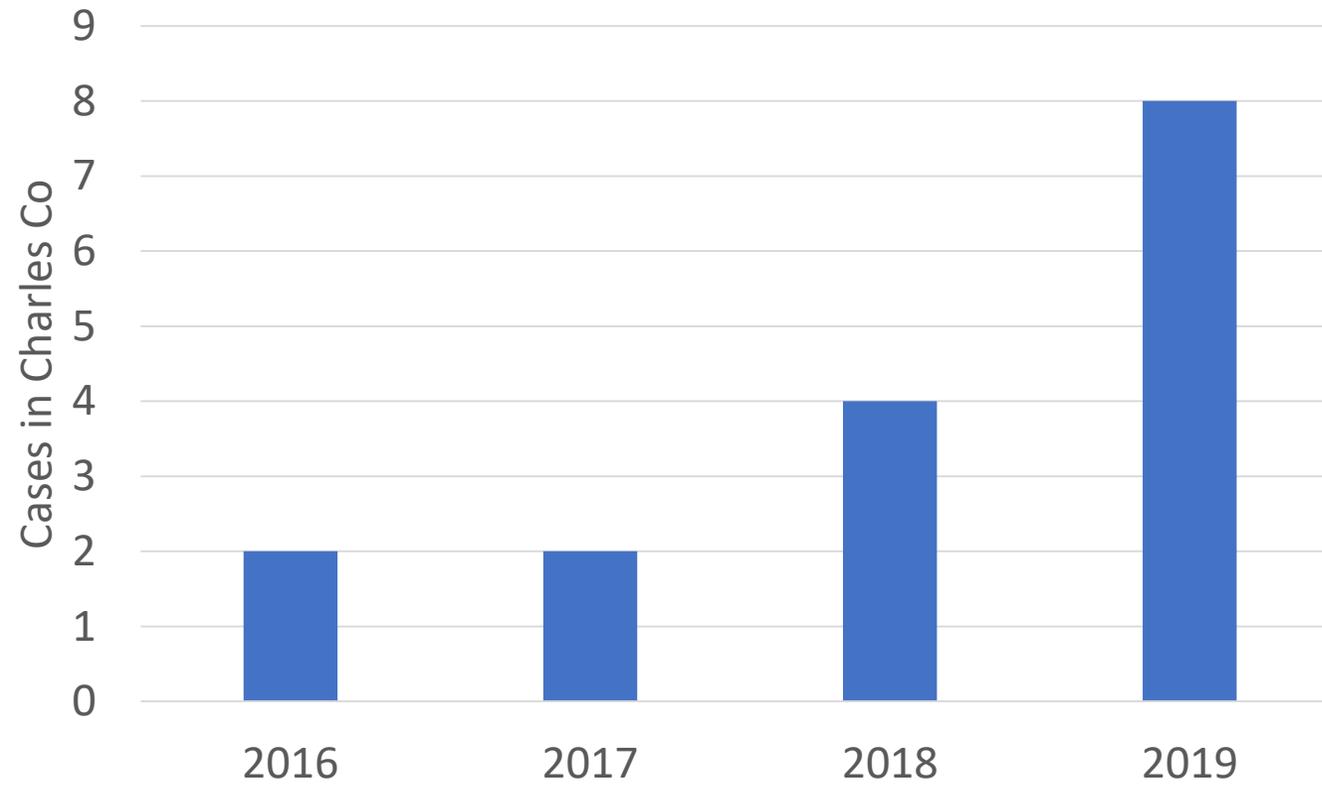
Trends

Montgomery County increase in US Born Cases



Trends

Charles County Case Count Increase



2020 Year to Date TB Data

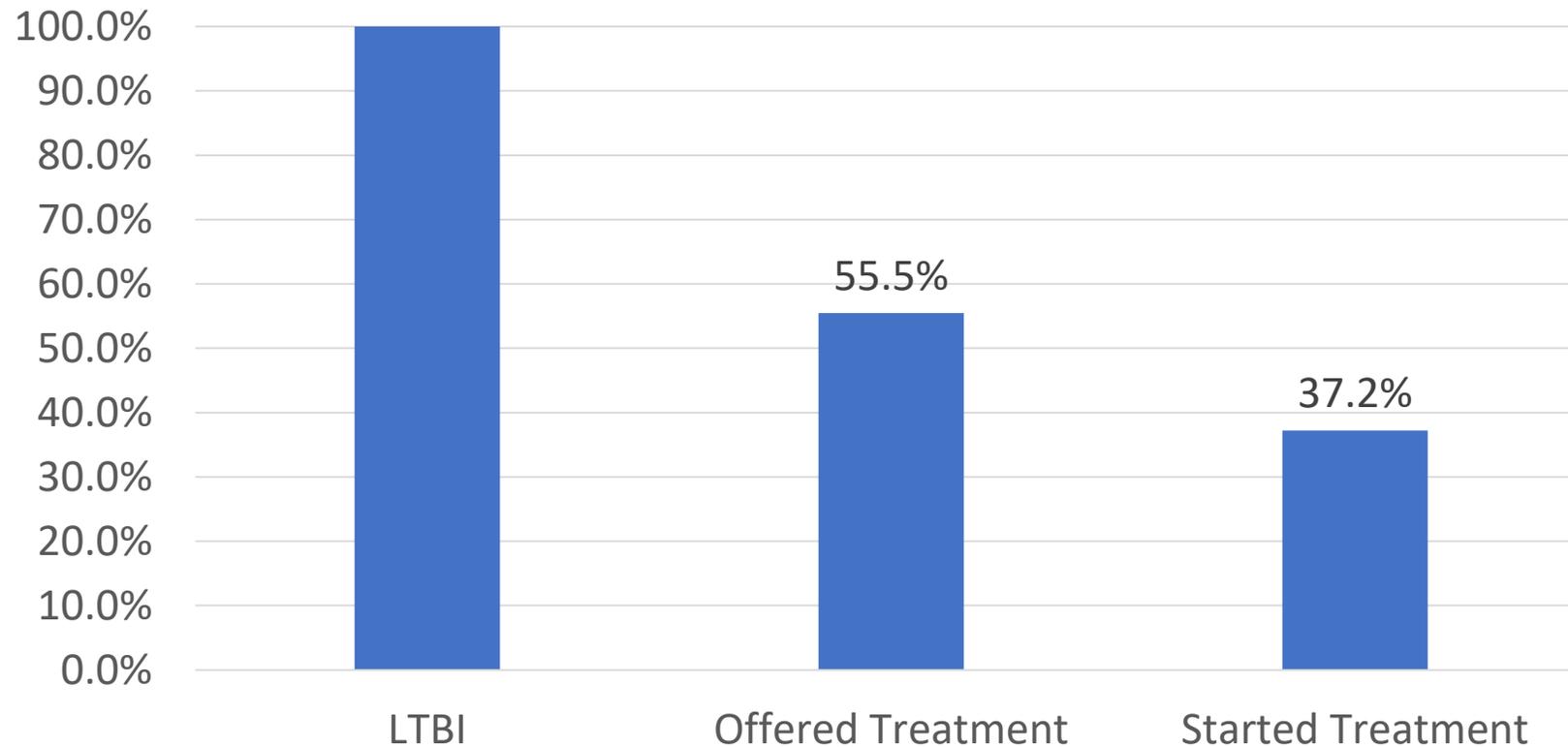
- 72 cases of active TB reported (as of 9/1/2020)
 - 59 non-US-born
 - 13 US-born
- There were 120 cases at this point in 2019
 - **40% decrease** in reported cases this year

LTBI Surveillance

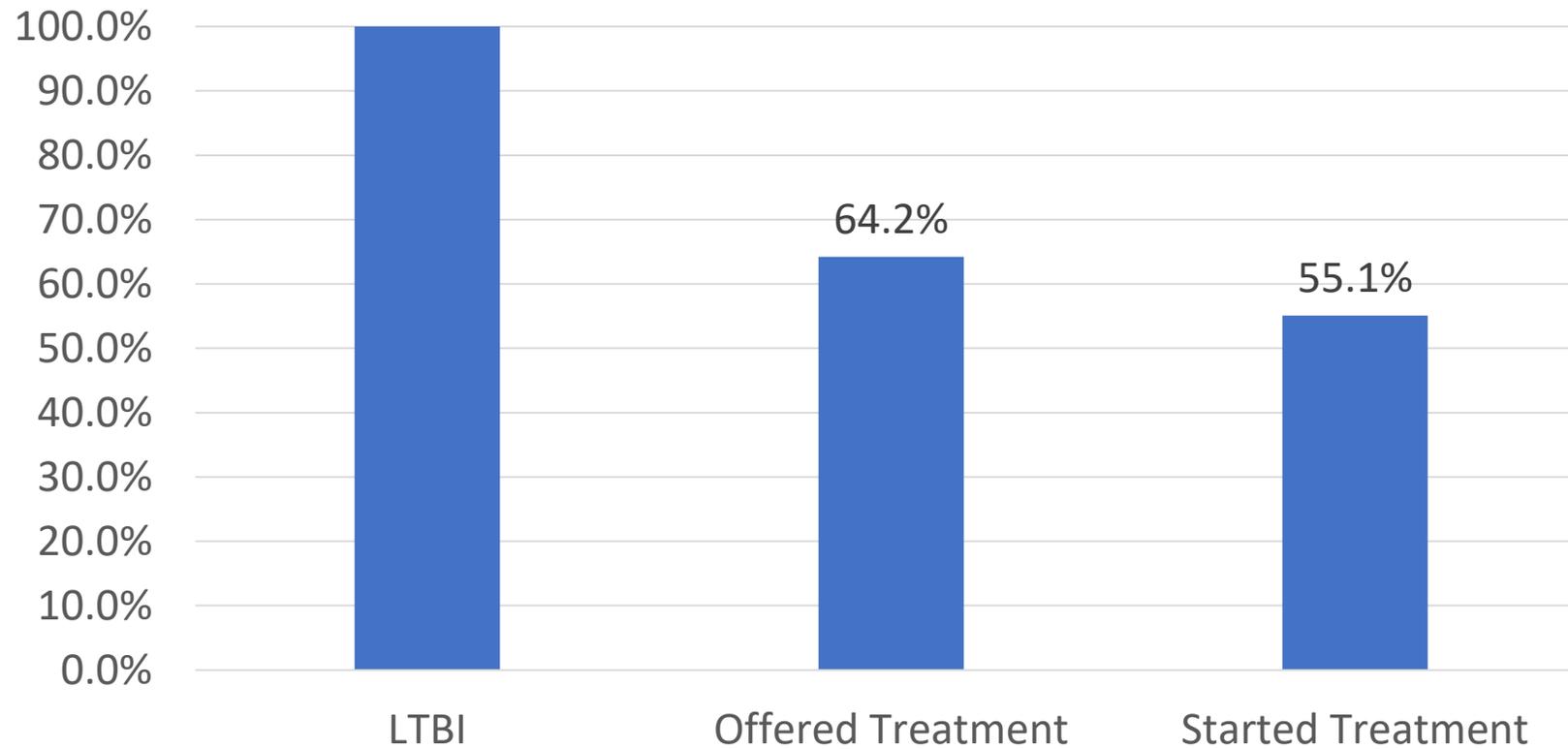
Year 1 of Reporting

- July 1, 2018 – June 30, 2019
- 8226 Reports
 - 735 reports per month average
 - 2153 (26.2%) with LTBI diagnosis
- 799 (37.1%) from LHD's

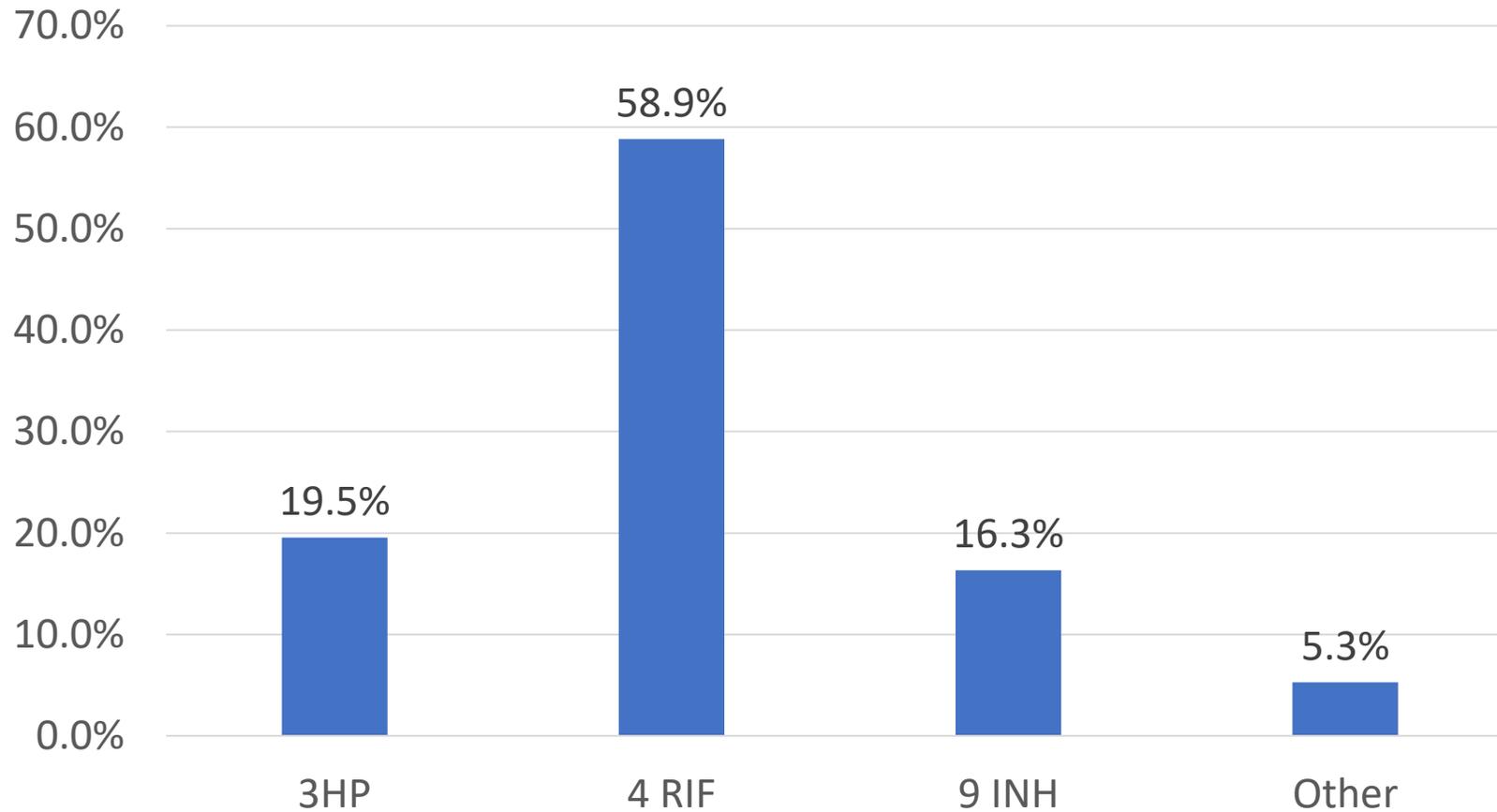
LTBI Treatment – All LTBI



LTBI Treatment – LHD Only



LTBI Treatment Regime – LHD only



Contact Info

Active TB Surveillance

Matt Dory

Email: matthew.dory@Maryland.gov

Phone: 410-767-6693

LTBI Surveillance

Allie Pyan

Email: Alexandra.pyan@Maryland.gov

Phone: 410-767-6695



Prevention and Health Promotion Administration

<https://phpa.health.Maryland.gov>